5   **AUDITING SECRET KEY CRYPTOGRAPHIC OPERATIONS**

ABSTRACT OF THE DISCLOSURE

In a cryptographic system, the unlocking of secret keys on a user system is audited and correlated with other events that typically occur after the secret key is used to perform a cryptographic operation. Audit evidence of secret key cryptographic operations is

10   recorded for later review and/or analysis, for use as stored evidence of unauthorized activity and/or for use in refuting false claims of repudiation of authorized activity. Some systems might also provide users with user activity reports that can alert a user to suspicious or unauthorized activity using that user's access.